

Abstract:

5 An autoclavable needle assembly and method of
making the same is provided for endodontic surgical
procedures. The needle assembly includes a supporting
hub member containing an adhesive in which one end of
the needle is embedded. The surgical needle is
preferably fabricated from NiTi alloy and includes, at
its distal end, a side vent in the form of a skived
portion extending a predetermined distance inwardly
10 from the tip from the distal end of the needle. One or
more coatings may be applied to the needle. An angle-
adjustment sleeve can be bent to hold a desired angle
in the needle.

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